AMENDMENTS TO THE CLAIMS:

Please amend the claims as shown below. The pending claims are as follows.

1. (Currently amended) A transformant

wherein at least one gene expression cassette, comprising a polyester synthesis-associated enzyme gene, a promoter and a terminator, has been introduced into a yeast which belongs to any of the genera *Candida*, *Hansenula*, *Kluyveromyces*, *Phaffia*, *Pichia*, *Schizosaccharomyces*, *Schwanniomyces*, *Trichosporon*, and *Yarrowia*.

2. (Previously presented) The transformant according to Claim 1

wherein a polyester which is obtained using said gene expression cassette is a copolymer resulting from the to copolymerization of 3-hydroxyalkanoic acids of the following general formula (1);

in the formula, R represents an alkyl group.

3. (Previously presented) The transformant according to Claim 1

wherein a polyester which is obtained using said gene expression cassette is a copolyester resulting from the copolymerization of 3-hydroxybutyric acid of the following formula (2) and 3-hydroxyhexanoic acid of the following formula (3);

$$C_3H_7$$
 $HO-CH-C-C-OH$
 H_2
 O

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- 4. (Canceled)
- 5. (Previously presented) The transformant according to Claim 1 wherein the yeast is *Yarrowia lipolytica*.
- 6. (Canceled)
- 7. (Previously presented) The transformant according to Claim 1 wherein said promoter and said terminator function in the yeast.
- 8. (Previously presented) The transformant according to Claim 7 wherein the promoter and terminator are isolated from *Yarrowia lipolytica*.
- 9. (Currently amended) The transformant according to Claim 7 A transformant wherein at least one gene expression cassette, comprising a polyester synthesis-associated enzyme gene, a promoter and a terminator, has been introduced into a yeast which belongs to any of the genera Candida, Hansenula, Kluyveromyces, Phaffia, Pichia, Schizosaccharomyces, Schwanniomyces, Trichosporon, and Yarrowia, and

wherein the promoter is isolated from *Yarrowia lipolytica* ALK3 gene encoding an nalkane-inducible cytochrome P450.

- 10. (Currently amended) The transformant according to Claim 7 wherein the terminator is isolated from Yarrowia lipolytica XPR2 gene encoding an alkaline extracellular protease.
- 11. (Previously presented) The transformant according to Claim 7 wherein the promoter and terminator are isolated from *Candida maltosa*.
- 12. (Currently amended) The transformant according to Claim 7 A transformant

 wherein at least one gene expression cassette, comprising a polyester synthesis-associated

 enzyme gene, a promoter and a terminator, has been introduced into a yeast which belongs to any

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of the genera Candida, Hansenula, Kluyveromyces, Phaffia, Pichia, Schizosaccharomyces, Schwanniomyces, Trichosporon, and Yarrowia, and

wherein the promoter is isolated from *Candida maltosa* ALK1 gene encoding an nalkane-inducible cytochrome P450.

13. (Currently amended) The transformant according to Claim 7 A transformant

wherein at least one gene expression cassette, comprising a polyester synthesis-associated
enzyme gene, a promoter and a terminator, has been introduced into a yeast which belongs to any
of the genera Candida, Hansenula, Kluyveromyces, Phaffia, Pichia, Schizosaccharomyces,
Schwanniomyces, Trichosporon, and Yarrowia, and

wherein the terminator is isolated from *Candida maltosa* ALK1 gene encoding an nalkane-inducible cytochrome P450.

- 14. (Previously presented) The transformant according to Claim 1 wherein the polyester synthesis-associated enzyme gene is isolated from *Aeromonas caviae*.
- 15. (Currently amended) The transformant according to Claim 1
 wherein the polyester synthesis-associated enzyme gene comprises a
 polyhydroxyalkanoate synthase gene isolated from *Aeromonas caviae* or the
 polyhydroxyalkanoate synthase gene and a (R) specific enoyl-CoA hydratase gene.
- 16. (Currently amended) The transformant according to Claim 15 wherein said polyhydroxyalkanoate synthase gene has the sequence represented by of SEQ ID NO:3

and the (R) specific enoyl CoA hydratase gene has the sequence represented by SEQ ID NO:4.

17. (Previously presented) A method of producing a polyester using the transformant according to Claim 1

which comprises growing said transformant and harvesting a polyester from the

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resulting culture.

- 18. (Currently amended) An isolated polyester synthesis-associated enzyme gene wherein at least one codon CTG is replaced with codon TTA, TTG, CTT, CTC or CTA, and said gene functions expresses its function in a yeast which translates the codon CTG into serine.
- 19. (Previously presented) The polyester synthesis-associated enzyme gene according to Claim 18 which codes for an enzyme isolated from a bacterium.
- 20. (Original) The polyester synthesis-associated enzyme gene according to Claim 19 wherein said bacterium is *Aeromonas caviae*.
- 21. (Previously presented) The polyester synthesis-associated enzyme gene according to Claim 20 wherein the enzyme gene isolated from *Aeromonas caviae* is a polyhydroxyalkanoate synthase gene or a (R)-specific enoyl-CoA hydratase gene.
- 22. (Previously presented) The polyester synthesis-associated enzyme gene according to Claim 21 wherein said polyhydroxyalkanoate synthase gene has the sequence represented by SEQ ID NO:3.
- 23. (Original) The polyester synthesis-associated enzyme gene according to Claim 21 wherein said (R)-specific enoyl-CoA hydratase gene has the sequence represented by SEQ ID NO:4.
- 24. (Previously presented) The transformant according to Claim 1, wherein said yeast belongs to the genus *Yarrowia*.
- 25. (Canceled)

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26. (New) A transformant

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wherein at least one gene expression cassette has been introduced into a yeast, and said gene expression cassette comprises the polyester synthesis-associated enzyme gene according to claim 18.

27. (New) A method of producing a polyester using the transformant according to claim 26, which comprises growing said transformant and harvesting a polyester from the resulting culture.

28. (New) A transformant

wherein at least one gene expression cassette has been introduced into a yeast belonging to the genus *Candida*, and

said gene expression cassette comprises a polyester synthesis-associated enzyme gene isolated from a bacterium, a promoter isolated from a yeast belonging to the genus *Candida*, and a terminator isolated from a yeast belonging to the genus *Candida*.

29. (New) The transformant according to claim 1

the cassette comprising two polyester synthesis-associated enzyme genes, wherein a first of the two genes comprises a polyhydroxyalkanoate synthase gene isolated from *Aeromonas* caviae and a second of the two genes comprises a (R)-specific enoyl-CoA hydratase gene.

30. (New) The transformant according to Claim 29

wherein the polyhydroxyalkanoate synthase gene has the sequence of SEQ ID NO:3 and the (R)-specific enoyl-CoA hydratase gene has the sequence of SEQ ID NO:4.

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